

Title (en)

Sensor system and method for operating same

Title (de)

Tastsystem und Verfahren zum Betrieb eines Tastsystems

Title (fr)

Système de palpage et procédé destiné au fonctionnement d'un système de palpage

Publication

EP 2682713 B1 20200408 (DE)

Application

EP 13167841 A 20130515

Priority

DE 102012211612 A 20120704

Abstract (en)

[origin: EP2682713A1] The system has a probe head (1) comprising a cylindrical stylus (1.2) and a sensor element that generates a sensor signal. The probe head and a transceiver element (2) are configured such that information (BI) e.g. sensing information, is wirelessly transmittable between the probe head and the transceiver element over a radio signal. The transceiver element or the probe head comprises antennas (2.1, 2.2) that are spaced from each other and receive the signal. The transceiver element or the probe head concurrently process the information received by the antennas via the signal. The sensor element is designed as a mechanically operating element e.g. strain gauge and piezo element, or an optically operating element i.e. photoelement, in an optical system. An independent claim is also included for a method for operating a sensor system.

IPC 8 full level

G01B 21/04 (2006.01); **H04B 7/02** (2018.01); **G01B 5/012** (2006.01)

CPC (source: EP US)

G01B 5/012 (2013.01 - EP US); **G01B 21/047** (2013.01 - EP US); **H01Q 21/28** (2013.01 - US); **H04B 7/02** (2013.01 - EP); **G01B 2210/58** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 2682713 A1 20140108; **EP 2682713 B1 20200408**; CN 103528551 A 20140122; CN 103528551 B 20171229; DE 102012211612 A1 20140109; US 2014011444 A1 20140109; US 9065492 B2 20150623

DOCDB simple family (application)

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